

INTERNATIONAL SEARCH REPORT

International application No.

PCT/NZ2004/000292

A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. 7: A45B 15/00; 19/04, 19/06, 19/08, 19/10, 23/00, 25/00, 25/02, 25/18 E 04H 15/28

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

DWPI: IPC Marks + Keywords (Pocket, Pouch, Sheath, Sleeve, Safety, Hazard, Protect, Spread, Dissipate, Reduce, Distribute, Load, Tension)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 20215089 U1 (DOPPLER SCHIRME H. WURFLINGSDOBLER & CO. KG), 19 December 2002	1-22
A	WO 2000/076356 A (CLARKE), 21 December 2000	1-22
A	GB 2344286 A (JUI CHING YEH), 7 June 2000	1-22
A	NL145443A (BREMSHEY AG), 15 April 1975	1-22

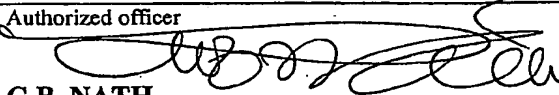
☐ Further documents are listed in the continuation of Box C ☒ See patent family annex

* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier application or patent but published on or after the international filing date	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search
9 March 2005

Date of mailing of the international search report
23 MAR 2005

Name and mailing address of the ISA/AU
AUSTRALIAN PATENT OFFICE
PO BOX 200, WODEN ACT 2606, AUSTRALIA
E-mail address: pct@ipaustalia.gov.au
Facsimile No. (02) 6285 3929

Authorized officer

G.B. NATH
Telephone No : (02) 6283 2126

INTERNATIONAL SEARCH REPORT

International application No.

PCT/NZ2004/000292

Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a)

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

The international application does not comply with the requirements of unity of invention because it does not relate to one invention or to a group of inventions so linked as to form a single general inventive concept. In coming to this conclusion the International Searching Authority has found that there are three inventions::

Continued on supplementary sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.: 1-22

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

International application No.
PCT/NZ2004/000292

Supplemental Box

(To be used when the space in any of Boxes I to VIII is not sufficient)

Continuation of Box No: III

1. Independent Claim 1 is directed to an umbrella wherein *the canopy includes pocket means at or adjacent to the periphery of the canopy and wherein an opening or openings in the pocket means is accessible from the direction of the central portion of the canopy and force spreading means provided on a second end of each rib member, and the force spreading means received within the pocket means of the canopy*. This arrangement of the pocket means allegedly solves the problem of "*exposed rib ends which when in use are positioned about the eye level of passers by*" is considered to comprise a "first special technical feature".
2. Independent Claim 23 is directed to an umbrella frame with the added features of "*a secondary sliding means moveable along the (umbrella) shaft between primary sliding means and the first end of the shaft*" and a *plurality of primary and secondary struts* which allegedly solves the problem of optimally tensioning the canopy. This arrangement is considered to comprise a second separate "special technical feature".
3. Independent Claim 41 is directed to an umbrella frame having *a plurality of rib members spaced about the umbrella shaft, each rib member including a first portion pivotally connected at or adjacent a first end of said shaft and a second portion freely slidable relative to said first portion and a plurality of struts each of which is pivotally connected between the sliding means (moveable on the shaft of the umbrella) and the second portion of said rib member*. This aspect is considered to comprise a "third special technical feature".

Since the abovementioned group of claims do not share either of the technical features identified, a "technical relationship" between the inventions as defined in PCT rule 13.2 does not exist. Accordingly the international application does not relate to one invention or to a single inventive concept

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/NZ2004/000292

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report			Patent Family Member				
DE	20215089	NONE					
GB	2344286	FR	2786994				
NL	145443	BE	717856	CH	465154	ES	355650
		FR	1572055	GB	1199833	GB	1199834
		MY	20271	NL	6810620	US	3513863
WO	0076356	AU	56050/00	EP	1202647	US	6314976
		US	6386214	US	2002088483	US	2004255994
		ZA	200110164				
Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.							
END OF ANNEX							